

FIG. 1A

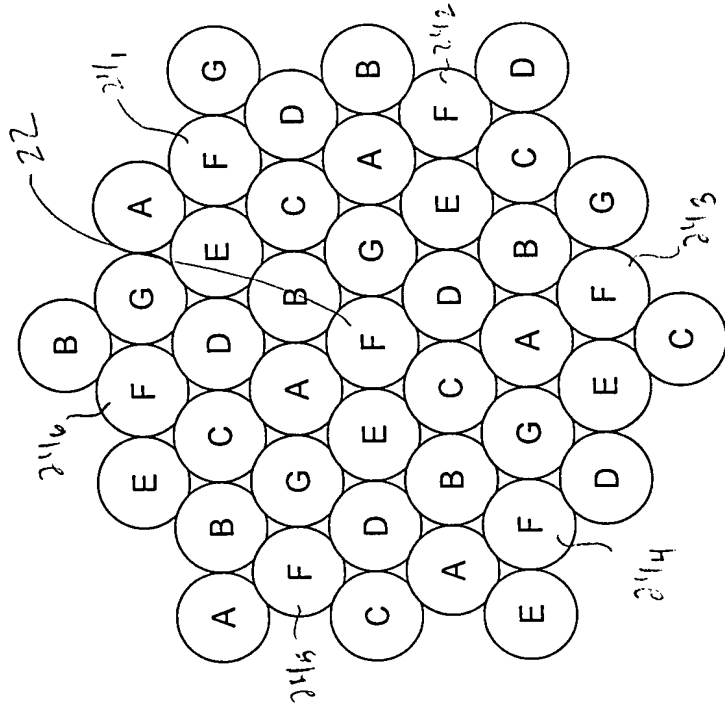


FIG. 1B

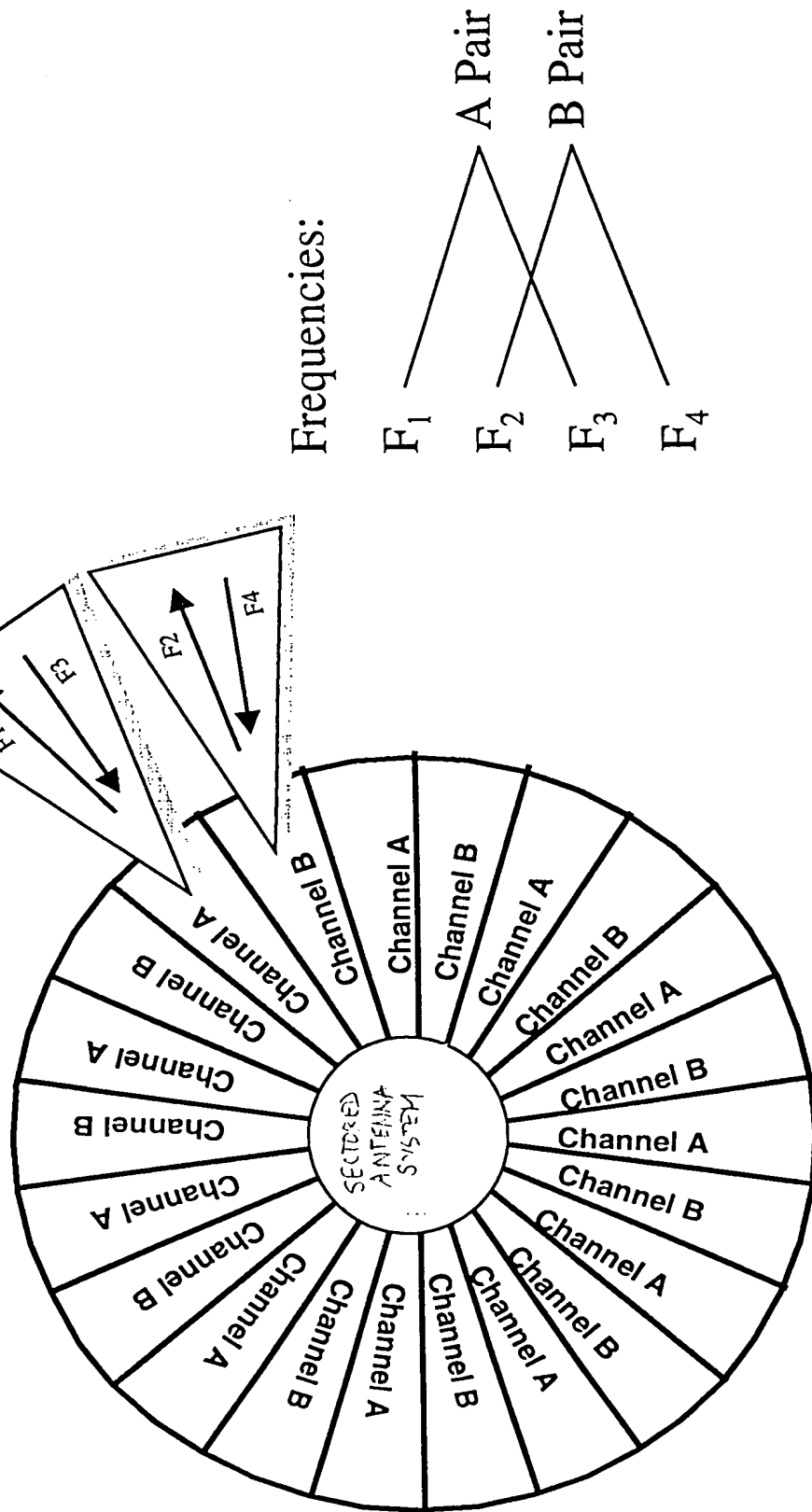


FIG. 1C

A diagram of a hexagonal lattice of atoms, labeled A, B, and C. The atoms are arranged in a hexagonal pattern. Atoms are represented by circles. Some circles are shaded with diagonal lines (hatched) and labeled 'B'. Other circles are white and labeled 'A' or 'C'. The lattice is oriented such that a horizontal line passes through the center. Three reciprocal lattice vectors are shown as arrows originating from the center:  $\vec{2b}_1$  points towards the top-left,  $\vec{2b}_2$  points towards the top-right, and  $\vec{2b}_3$  points towards the bottom-right. The angle between  $\vec{2b}_1$  and  $\vec{2b}_2$  is labeled  $60^\circ$ . A label '20' is placed near the  $\vec{2b}_2$  vector.

FIG 2.

095251-051001  
T00T50 T525250

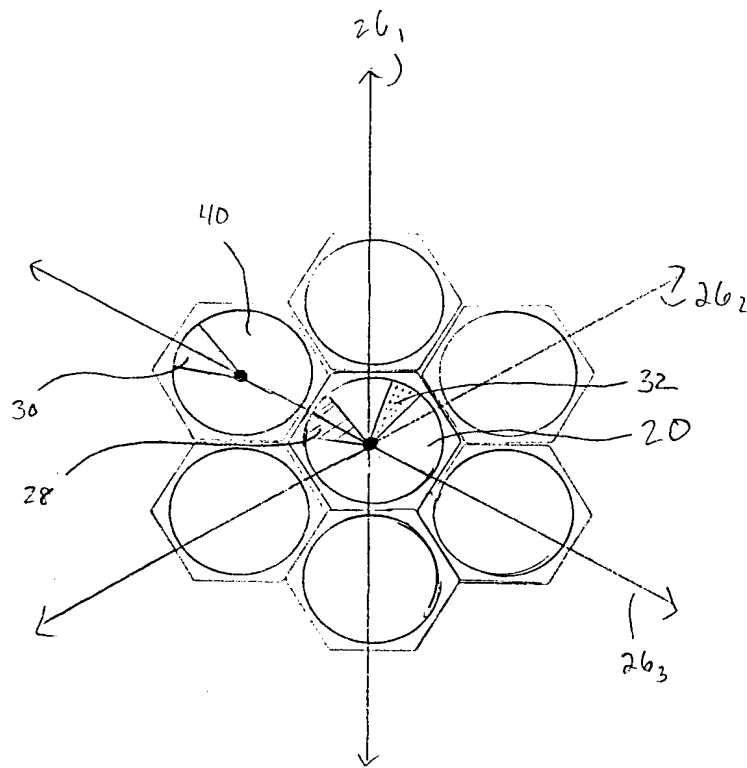


FIG. 3

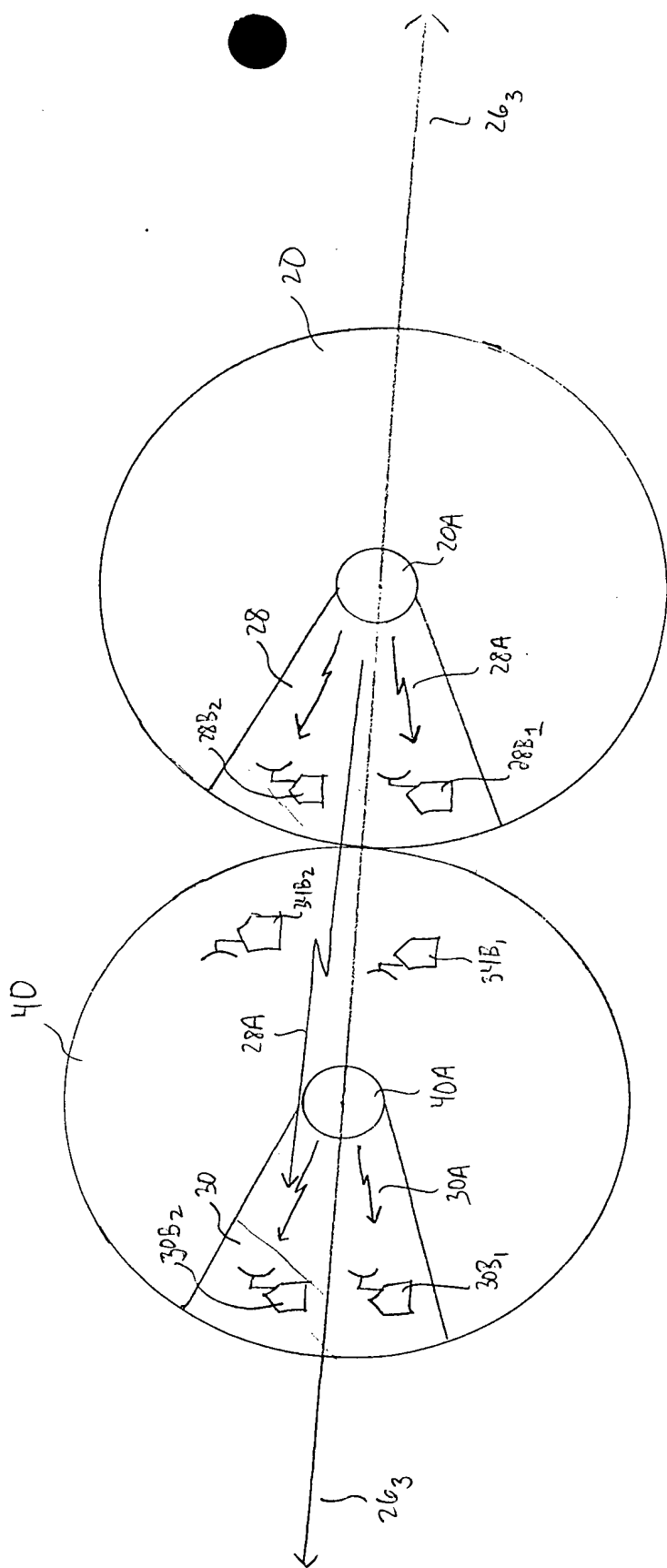


FIG. 4

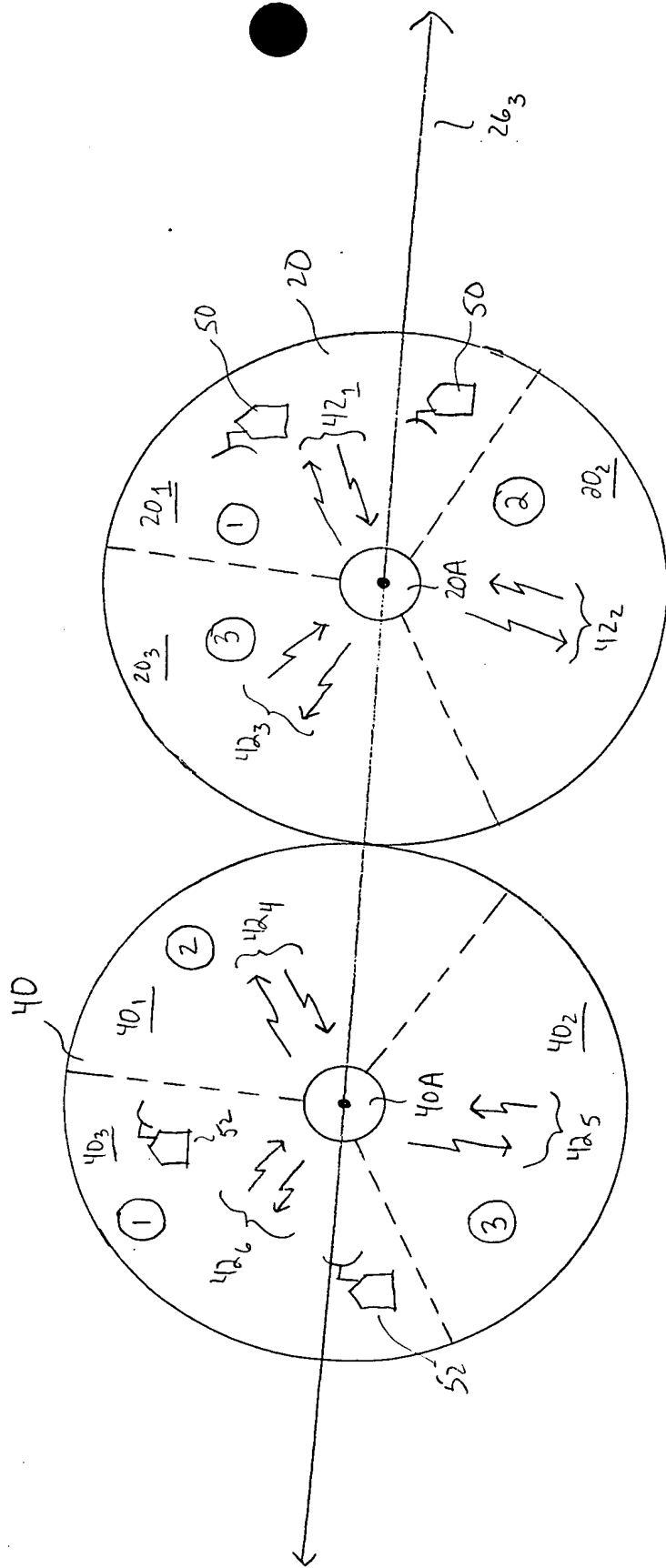


FIG. 5

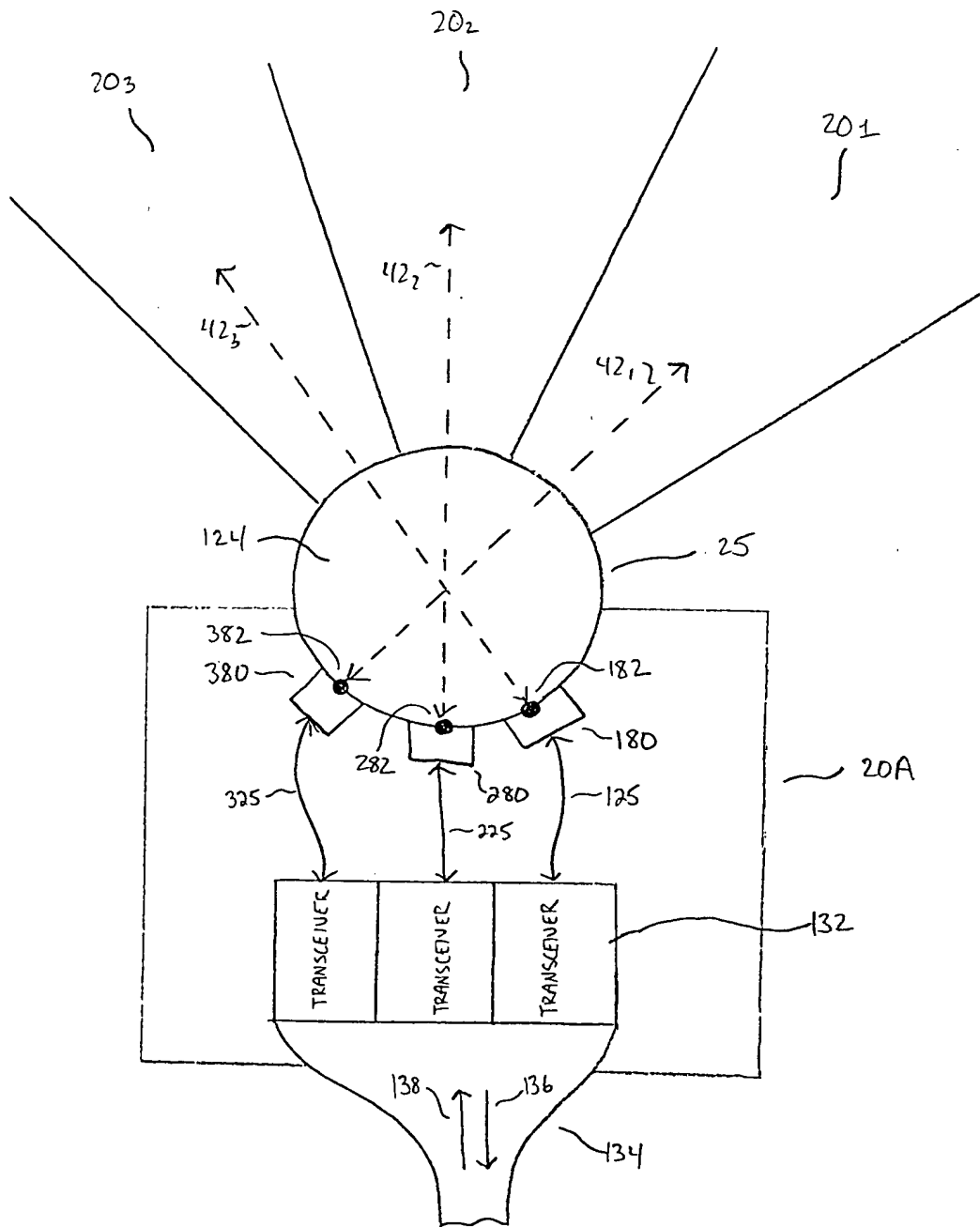


FIG. 5A

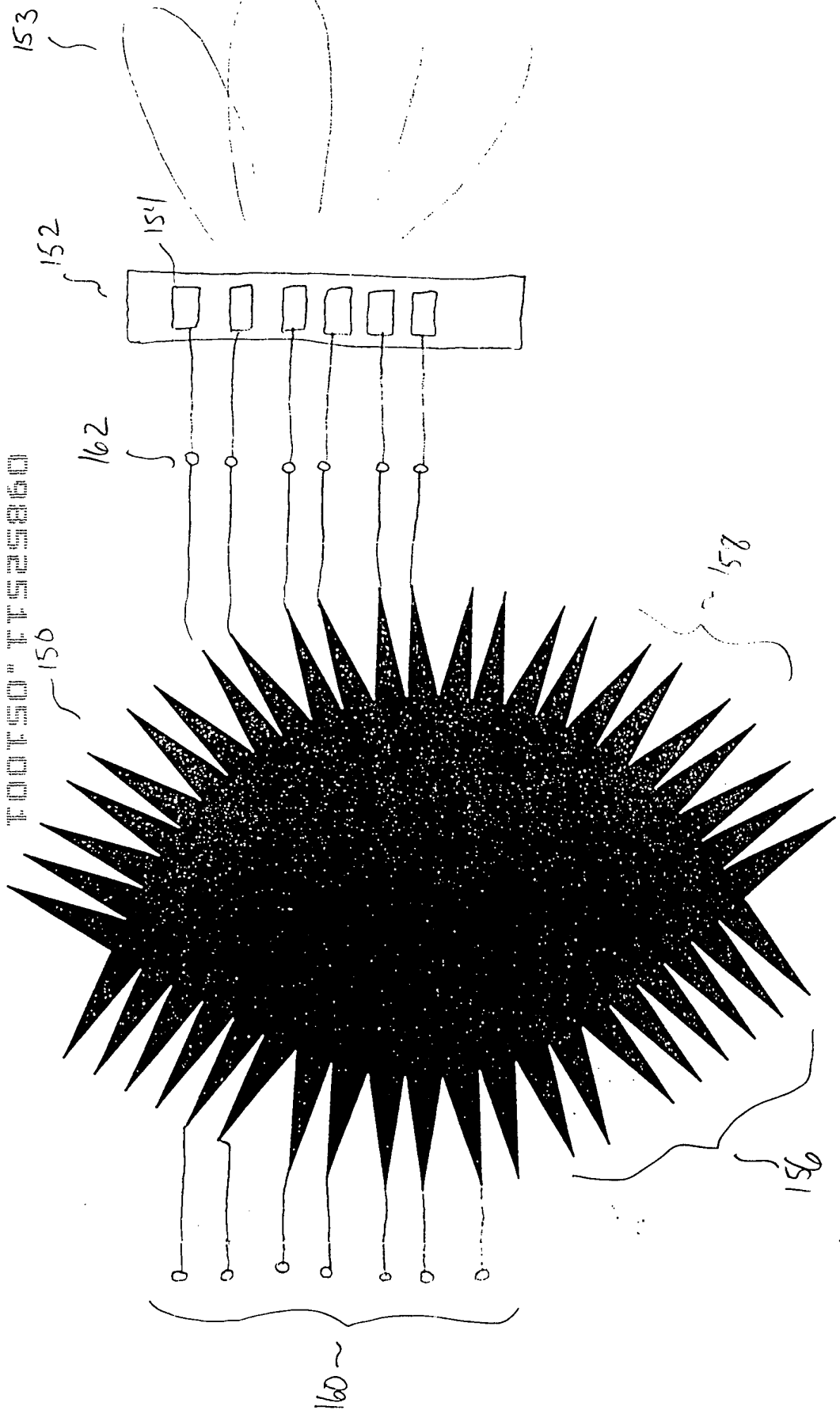


FIG. 5B



Fig. 6

FIG. 7

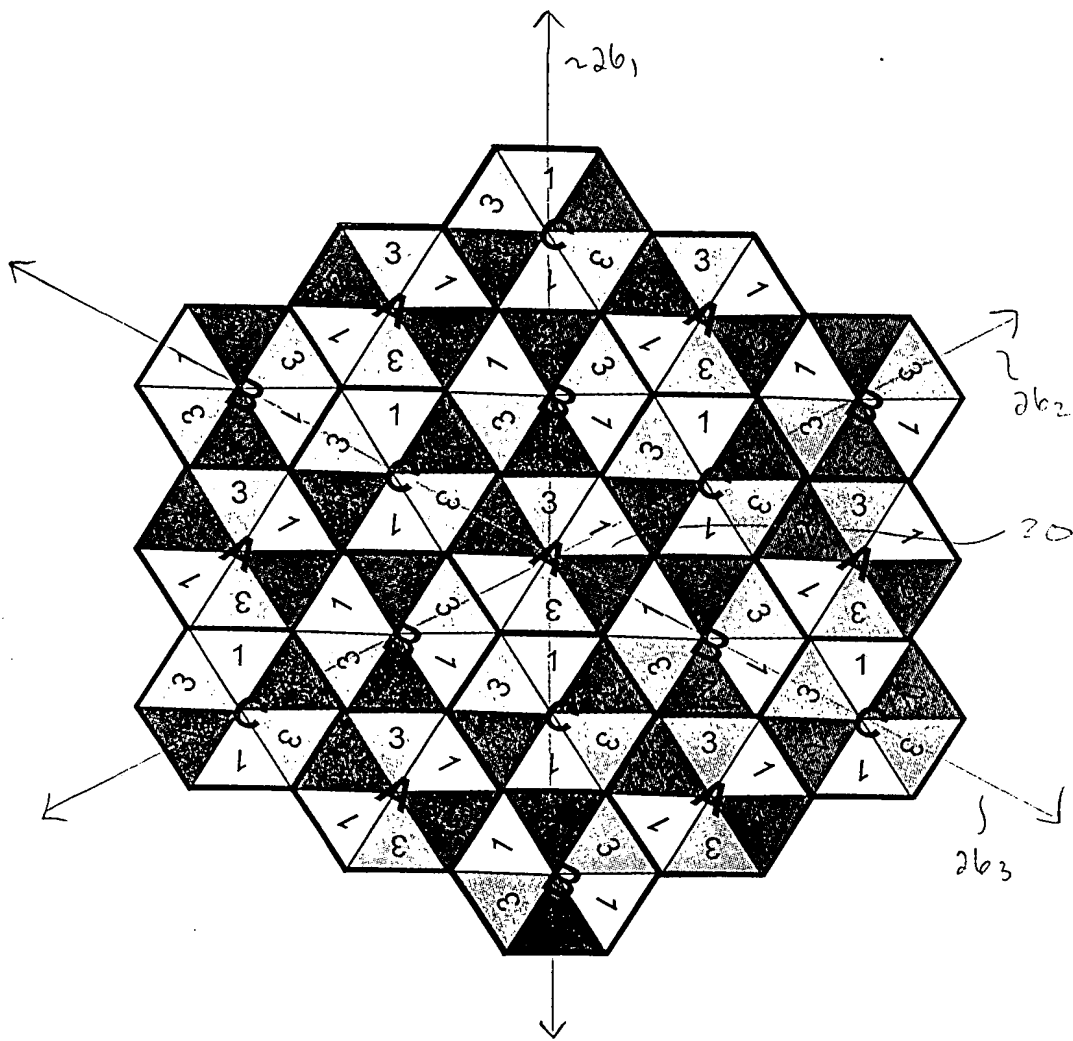


FIG. 8

70  
/

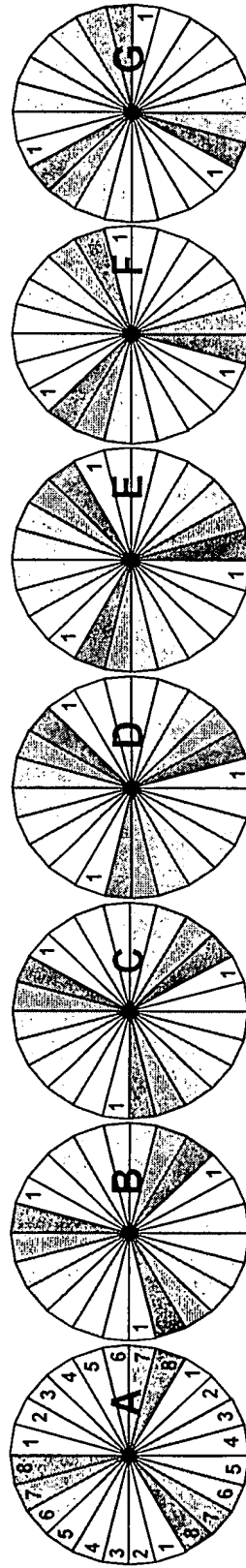
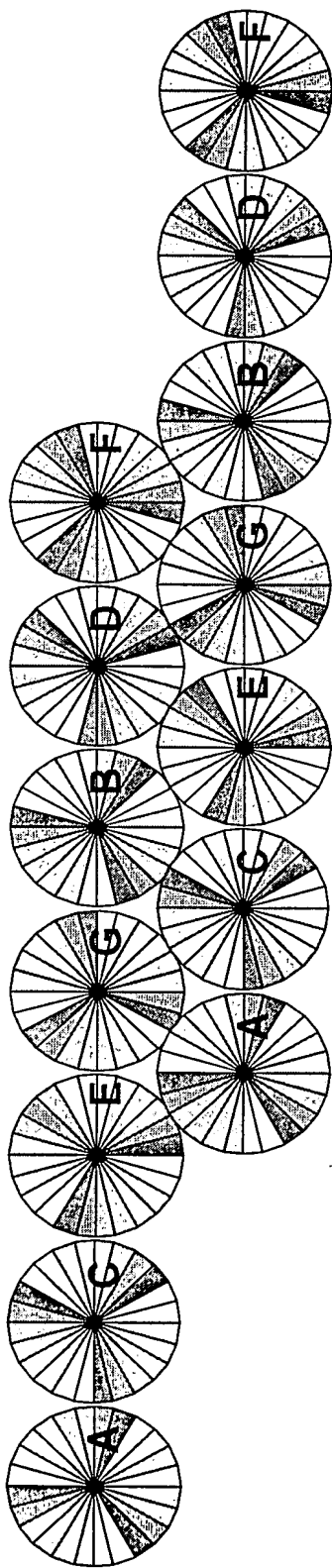


FIG. 9

12



14

FIG. 10

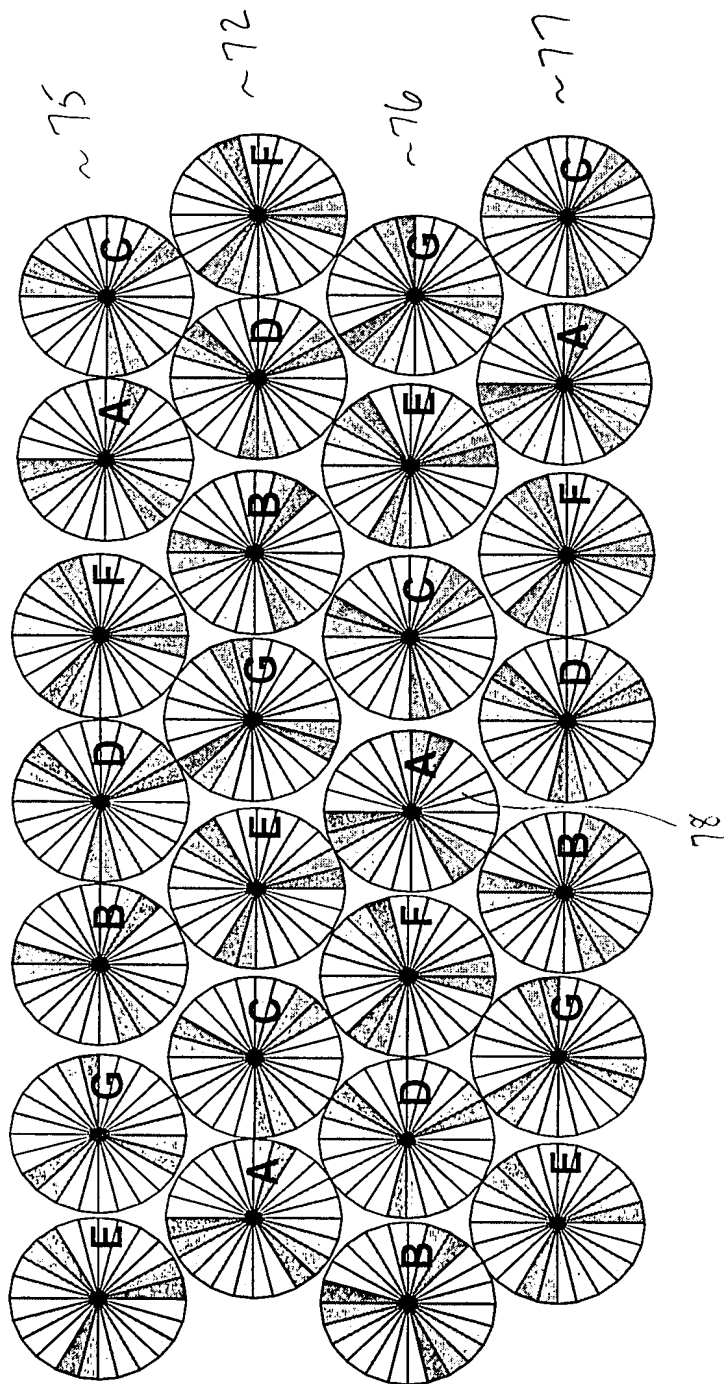


FIG. 11

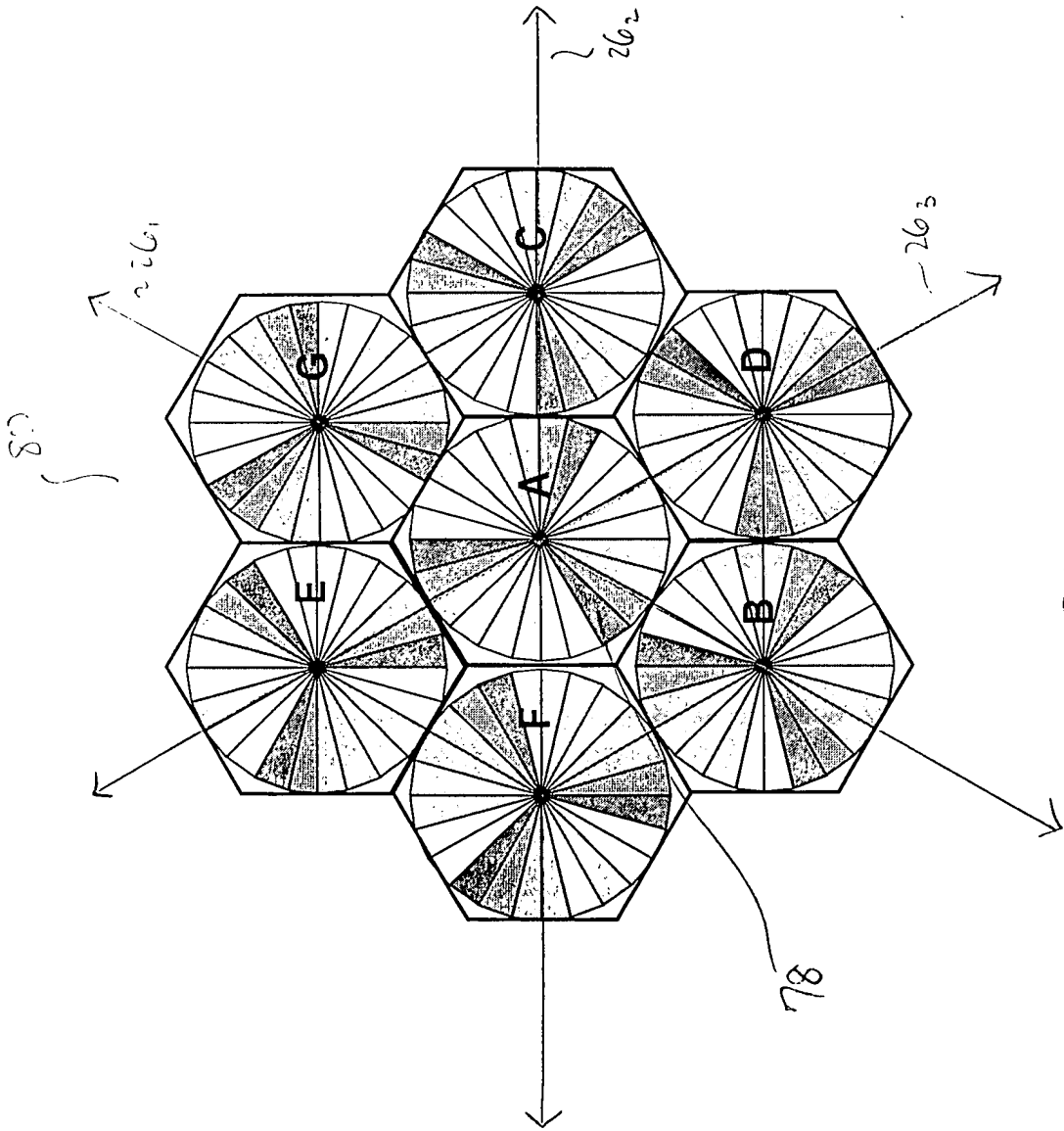
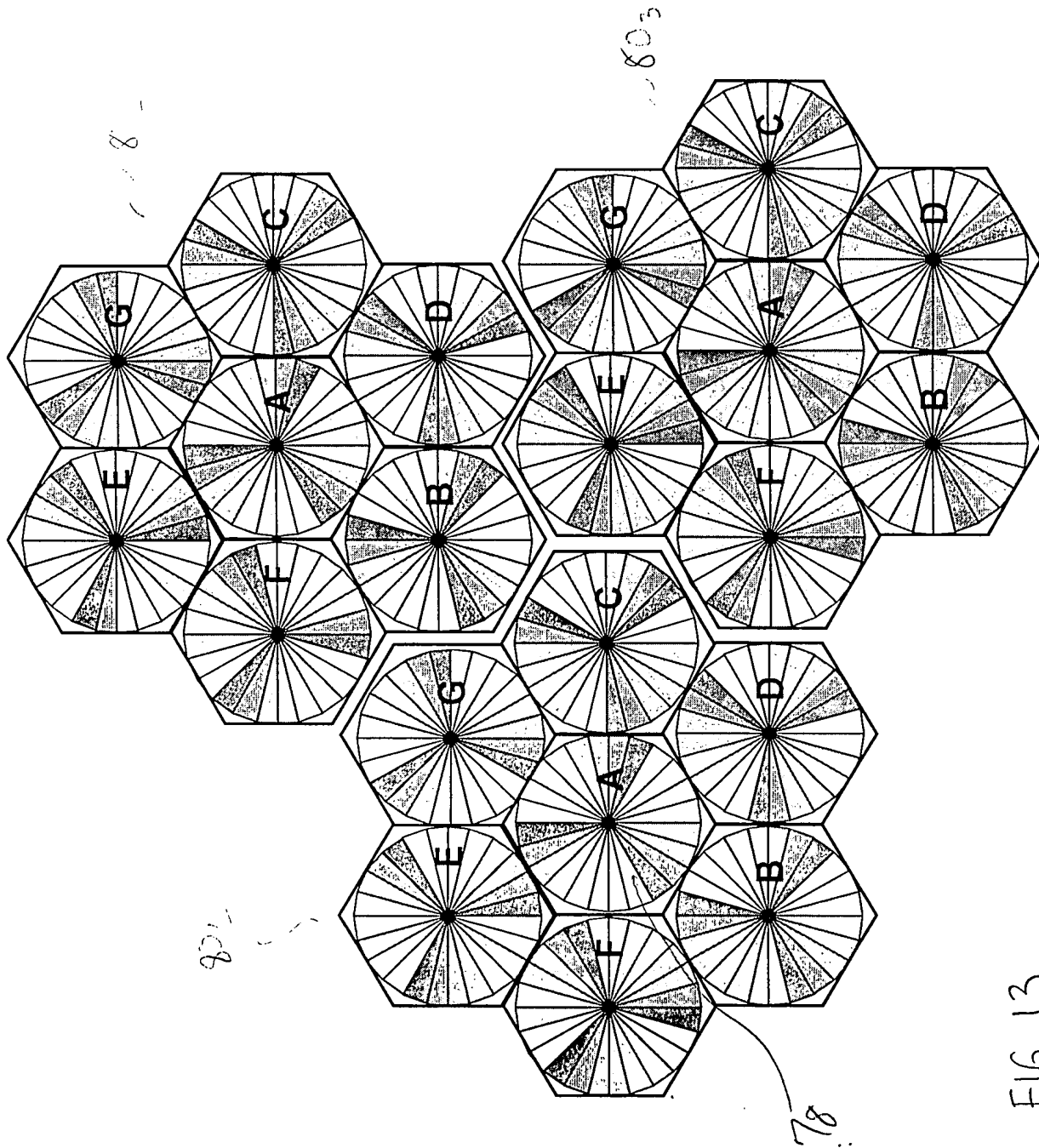


FIG. 12





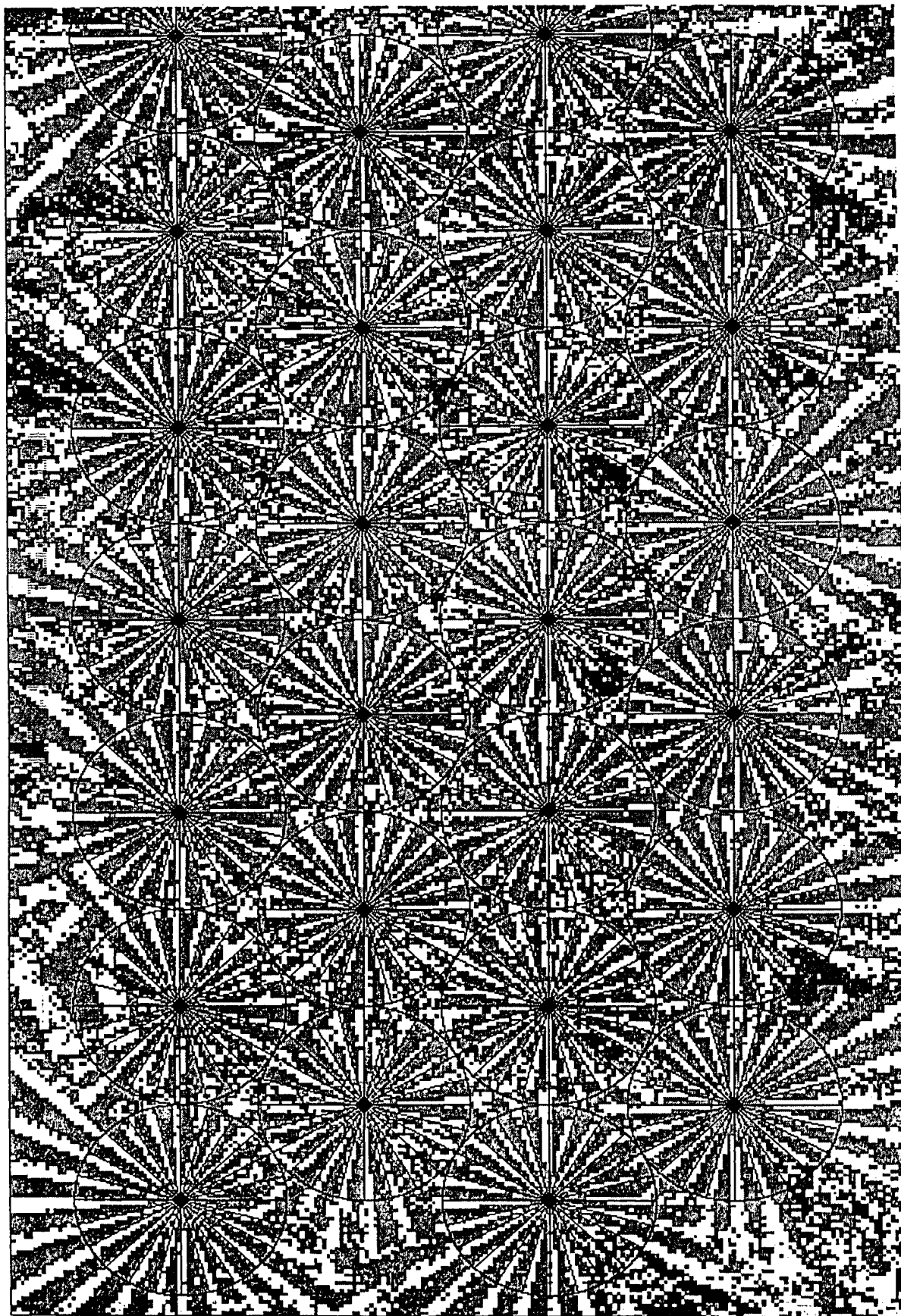


FIG. 14

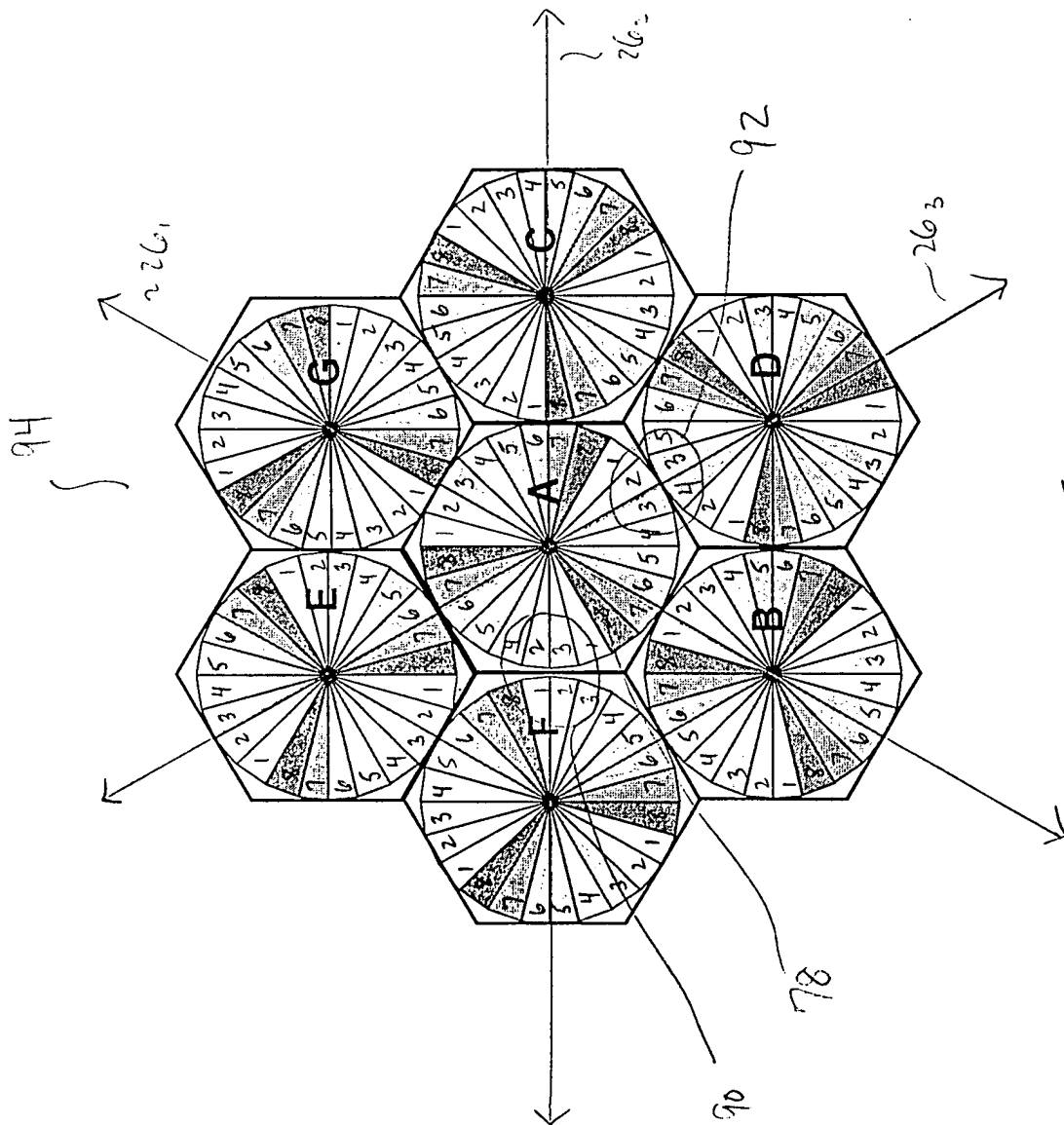


FIG. 15

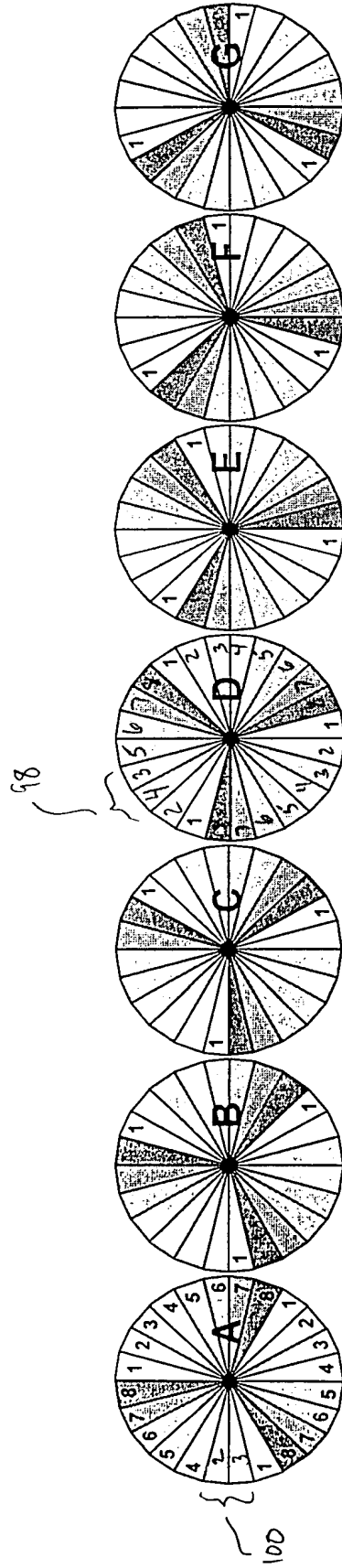


FIG. 16

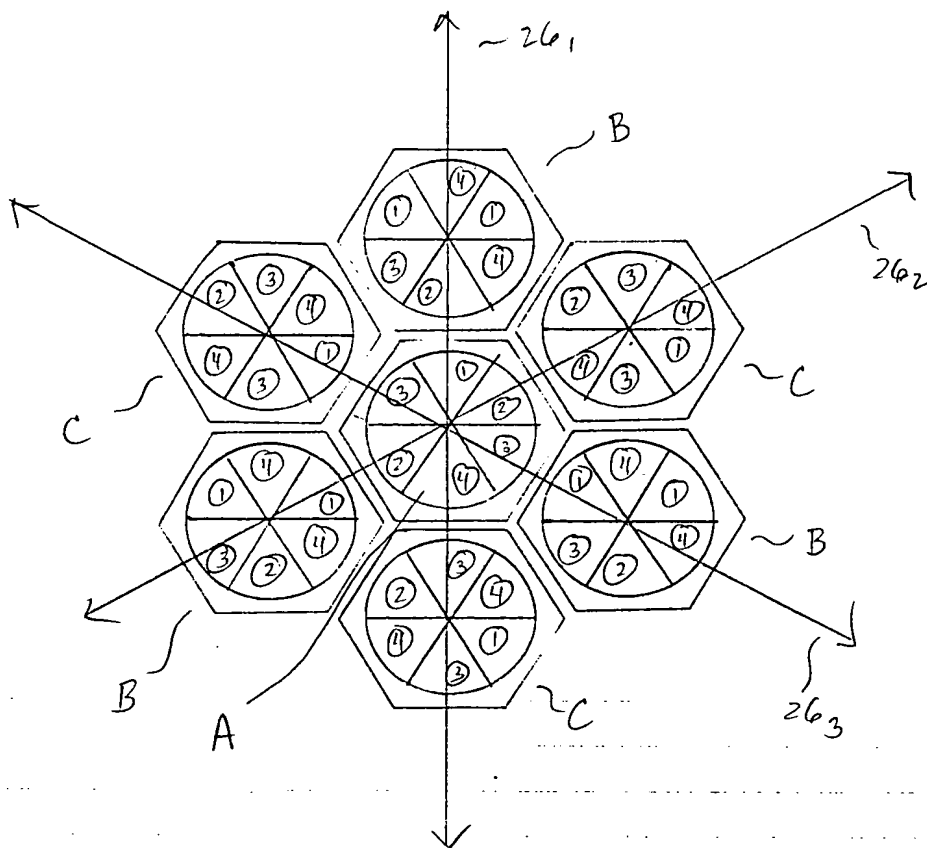


FIG. 17